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(Use several sheets if necessary)		Applicant: Pieper, et al			
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	DOCUMENTS	Applicant TRADELING			
Examiner's Initials	U.S. Patent No.	Applicant	Issue Date	Class	Subclass
· DV	6,459,994	Parekh et al.	October 1, 2002	702	19
	6,410,692	Stevens	June 25, 2002	530	388.25
	6,399,317	Weimer	June 4, 2002	435	7.2
	6,379,665	Frohman et al.	April 30, 2002	424	94.6
	5,998,222	Weimer	December 7, 1999	436	518
	5,993,627	Anderson et al.	November 30, 1999	204	456
	5,670,134	Martin, Jr.	September 23, 1997	424	9.2
	5,639,440	Martin, Jr.	June 17, 1997	424	9.2
	5,372,783	Lackie	December 13, 1994	422	68.1
	4,722,896	Kadish	February 2, 1998	435	68
V	4,427,653	Springer	January 24, 1984	424	85
U.S. PATENT	APPLICATIONS				
Examiner's Initials:	Publication Number:	Applicant:	Publication Date:	Group:	Art Unit:
ΌV	2001/0051380	Stevens	December 13, 2001		
FOREIGN PA	TENT DOCUMENT	· S	•		
Examiner's	Document No.	Country	Date	Translation	
Initials				Yes	No
ÞV	WO 02/39120	PCT	16 May 2002		
	WO 02/22165	PCT	21 March 2002		
	WO 00/33075	PCT	08 June 2000		
	WO 99/39204	PCT	05 August 1999		
OTHER DOC	UMENTS				
Examiner's Initials	Citation (Includin	g Author, Title, Date, Perti	nent Pages, Etc.)		
DV	Ahmed, et al., "Di Oncogene, 21: 13"	rect Integrin ανβ6-ERK Bi 70-1380, 2002.	inding: Implications for T	umour Grov	wth",
	Baygents, et al., "Recycling Electrophoretic Separations: Modeling of Isotachophoresi Isoelectric Focusing", <i>Journal of Chromatography</i> A, 779: 165-183, 1997.			oresis and	
7	Berenschot, et al., "Advanced Sacrificial Poly-Si Technology for Fluidic Systems", J.				

				
Form PTO-1449 U.S. Department of Commerce		Atty. Docket:	In re Application No.	
(REV. 8-83) Patent and Trademark Office		2003309-0061	09/977,368	
·		10030634-2		
INFORMATION DISCLOSURE STATEMENT		Applicant: Pieper, et al		
(Use sever	al sheets if necessary)	Filing Date:	Group:	
TPE		October 16, 2001	1641	
	Micromech. Microeng. 12: 621-624, 2002.			
. JUN 07 9, 2004	Bunk, et al., Electrospray Ionization Mass Spectrometry for the Quantitation of Albumin in Human Serum", J. Am. Soc. Mass Spectrom, 8: 1247-1254, 1997.			
TRACEMENT & TRACEMENT	Chen, et al., "High-Efficiency Solid-Phase Capture Using Glass Beads Bonded to Microcentrifuge Tubes: Immunoprecipitation of Proteins from Cell Extracts and Assessmen Ras Activation", Analytical Biochemistry, 302: 298-304, 2002.			
	A Turning Point in Proteome Analysis: Sample Prefractionation via Multicompartment Electrolyzers with Isoelectric Membranes", <i>Electrophoresis</i> , 21 : 3639-3648, 2000. Folkersen, et al., "Purification of Pregnancy-Associated Plasma Protein-A by a Two Step Affinity Chromatographic Procedure", <i>Placenta</i> , 2 : 11-18, 1981.			
	Griffiths, et al., "Immunoadsorbent Isolation of Pregnancy-Specific β ₁ -Glycoprotein from Maternal Serum", Can. J. Biochem. Cell Biol. 61: 130-136, 1983.			
	Guzman, et al., "The Use of Selective Adsorbents in Capillary Electrophoresis-Mass Spectrometry for Analyte Preconcentration and Microreactions: A Powerful Three-Dimensional Tool for Multiple Chemical and Biological Applications", <i>Electrophoresis</i> , 22: 3602-3628, 2001.			
	Hendrickson, et al., "Improved Clean-up Method for the Enkephalins in Plasma Using Immunoaffinity Chromatography", <i>Journal of Chromatography B</i> , 653 : 147-154, 1994.			
	Hendrickson, et al., "Enhanced Immunogenicity of Leucine Enkephalin Following Coupling Anti-Immunoglobulin and Anti-CD3 Antibodies", <i>Journal of Immunological Methods</i> , 172: 165-172, 1994.			
	Herbert, et al., "A Turning Point in Proteome Multicompartment Electrolyzers with Isoelec 3648, 2000.	teome Analysis: Sample Prefractionation via soelectric Membranes", <i>Electrophoresis</i> , 21 : 3639-		
	Hiney, et al., "Gonadotropin-Releasing Hormone Neurons in the Preoptic-Hypothalamic Region of the Rat Contain Lamprey Gonadotropin-Releasing Hormone III, Mammalian Luteinizing Hormone-Releasing Hormone, or Both Peptides", PNAS, 99(4): 2386-2391, 2002 Jensen, et al., "Identification and Removal of Polymer-and Aggregate-Forming Proteins in Human Plasma Albumin Preparations", Vox Sang, 67: 125-131, 1994.			
	Kubo, et al., Capillary Zone Electrophoresis of Linear Polyacrylamide-Coated Capillary: Sep Individual Components", <i>Electrophoresis</i> , 21	aration of Serum α-and β		
	Lollo, et al., "Improved Two-Dimensional Ge Proteins by Using ProtoClear", <i>Electrophores</i>		entation of Serum	
	Mayer, et al., "Semi-Micro Solid-Phase Extra Biological Samples", Journal of Chromatogra			
Morrin, et al., "Inhibition of the Adherence of Pseudomonas Aeruginosa to Epithelial C IgG Subclass Antibodies", <i>J. Med. Microbiol.</i> , 39: 459-466, 1993.			sa to Epithelial Cells by	

Form PTO-1449 (REV. 8-83)	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket: 2003309-0061 10030634-2	In re Application No. 09/977,368		
INFORMATION DISCLOSURE STATEMENT		Applicant: Pieper, et al			
(Use seve	ral sheets if necessary)	Filing Date: October 16, 2001	Group: 1641		
JUN 0 8 700 E	Pan, et al., "A Low-Temperature Wafer Bonding Technique Using Patternable Material Micromech. Microeng. 12: 611-615, 2002.				
PROTE TRATEMENT	Panrucker, et al., "Isolation and Purification of Rat Acute-Phase α ₂ -Macroglobulin", Biochimica et Biophysica Acta, 705 : 174-183, 1982.				
	Pingali, et al., "Peptides as Affinity Surfaces for Protein Purification", Journal of Molecular Recognition, 9: 426-432, 1996.				
	Pitiot, et al., "Protein Adsorption on Histidyl-Aminohexyl-Sepharose 4B, II. Application to the Negative One-Step Affinity Purification of Human β2-Microglobulin and Immunoglobulin G", <i>Journal of Chromatography B</i> , 758: 173-182, 2001.				
	Reh, et al., "Quantitative Determination of Albumin in Urine by On-Line Immunoadsorptive Cleanup and Reversed-Phase Chromatography", Analytical Biochemistry, 196: 104-110, 1991.				
•	Ronnemaa, et al., "Relation Between Plasma Leptin Levels and Measures of Body Fat in Identical Twins Discordant for Obesity", Ann. Intern. Med. 126: 26-31, 1997.				
	Sand, et al., "Characterization of Human Pregnancy Zone-Protein", <i>The Journal of Biological Chemistry</i> , 260 (29): 15723-15735, 1985				
	Schneider, et al., "A One-Step Purification of Membrane Proteins Using a High Efficiency Immunomatrix", <i>The Journal of Biological Chemistry</i> , 257 (18): 10766-10769, 1982.				
	Schreiber, et al., "Removal of Viral Contaminants by Monoclonal Antibody Purification of Plasma Proteins", Curr. Stud Hematol Blood Transfus. Basel, Karger, 56: 146-153, 1989.				
	Shimazaki, et al., "Removal of Specific Protein Spots on the Patterns of Non-Denaturing Two-Dimensional Electrophoresis Using Protein A Agarose and Antibodies", J. Biochem. Biophys. Methods, 37: 1-4, 1998.				
	Sorensen, et al., "Identification of a Macromolecular Crystal Growth Inhibitor in Human Urine as Osteopontin", <i>Urol. Research</i> , 23: 327-334, 1995.				
	Wheatley, et al., "Multiple Ligand Applications in High-Performance Immunoaffinity Chromatography", <i>Journal of Chromatography</i> , 603 : 273-278, 1992.				
\downarrow	Zhixin, et al., "Purification of Human Serum Albumin by Dye-Ligand Affinity Chromatography", <i>Dyes and Pigments</i> , 22 : 27-45, 1993.				
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(REV. 8-83)	Patent and Trademark Office		2003309-0061 10030634-2		
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U.S. PATENT	DOCUMENTS	E			
Examiner's Initials	U.S. Patent No.	Applicant	Issue Date	Class	Subclass
· DV	6,539,102	Anderson et al.	March 25, 2003	382	128
	6,459,994	Parekh et al.	October 1, 2002	702	19
	6,410,692	Stevens	June 25, 2002	530	388.25
,	6,399,317	Weimer	June 4, 2002	435	7.2
	6,379,665	Frohman et al.	April 30, 2002	424	94.6
	5,998,222	Weimer	December 7, 1999	436	518
	5,993,627	Anderson et al.	November 30, 1999	204	456
	5,670,134	Martin, Jr.	September 23, 1997	424	9.2
	5,639,440	Martin, Jr.	June 17, 1997	424	9.2
	5,372,783	Lackie	December 13, 1994	422	68.1
	4,722,896	Kadish	February 2, 1998	435	68
4	4,427,653	Springer	January 24, 1984	424	85
U.S. PATENT	APPLICATIONS				
Examiner's Initials:	Publication Number:	Applicant:	Publication Date:	Group:	Art Unit:
DΛ	2002/0028005	Anderson et al.	March 7, 2002		
4	2001/0051380	Stevens	December 13, 2001		
Examiner's Initials:	Serial Number	Applicant	Date		
W	09/660,242	Myers, et al.	September 12, 2000		
FOREIGN PAT	TENT DOCUMENT	rs .			
Examiner's	Document No.	Country	Date	Translation	
Initials				Yes	No
DV	WO 02/39120	PCT	16 May 2002		
	WO 02/22165	PCT	21 March 2002		$\sqrt{}$
	WO ₂ 00/33075	PCT	08 June 2000		
4	WO(99/39204	PCT	05 August 1999		

Form PTO-1449	U.S. Department of Commerce	Atty. Docket:	In re Application No.	
(REV. 8-83) Patent and Trademark Office 2003309-0061 10030634-2		09/977,368		
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		Applicant: Pieper, et al		
		Filing Date: October 16, 2001	Group: 1641	
Examiner's Initials	Citation (Including Author, Title, Date, Perti	nent Pages, Etc.)		
O'-C'S	Ahmed, et al., "Direct Integrin ανβ6-ERK Binding: Implications for Tumour Growth", Oncogene, 21: 1370-1380, 2002.			
JUN 0 9 ZOOK E	Baygents, et al., "Recycling Electrophoretic Societic Focusing", Journal of Chromatog			
TRADE	Berenschot, et al., "Advanced Sacrificial Poly-Si Technology for Fluidic Systems", J. Micromech. Microeng. 12: 621-624, 2002.			
	Bunk, et al., Electrospray Ionization Mass Sp. Human Serum", J. Am. Soc. Mass Spectrom,		itation of Albumin in	
,	 Chen, et al., "High-Efficiency Solid-Phase Capture Using Glass Beads Bonded to Microcentrifuge Tubes: Immunoprecipitation of Proteins from Cell Extracts and Assess Ras Activation", Analytical Biochemistry, 302: 298-304, 2002. A Turning Point in Proteome Analysis: Sample Prefractionation via Multicompartment Electrolyzers with Isoelectric Membranes", Electrophoresis, 21: 3639-3648, 2000. Folkersen, et al., "Purification of Pregnancy-Associated Plasma Protein-A by a Two Ste Affinity Chromatographic Procedure", Placenta, 2: 11-18, 1981. Griffiths, et al., "Immunoadsorbent Isolation of Pregnancy-Specific β₁-Glycoprotein fro Maternal Serum", Can. J. Biochem. Cell Biol. 61: 130-136, 1983. 			
	Guzman, et al., "The Use of Selective Adsort Spectrometry for Analyte Preconcentration at Dimensional Tool for Multiple Chemical and 3602-3628, 2001.	• • • •		
Hendrickson, et al., "Improved Clean-up Method for the Enkephalins in Plasm Immunoaffinity Chromatography", Journal of Chromatography B, 653: 147-1 Hendrickson, et al., "Enhanced Immunogenicity of Leucine Enkephalin Follow Anti-Immunoglobulin and Anti-CD3 Antibodies", Journal of Immunological 165-172, 1994.				
			0 , 0	
	Herbert, et al., "A Turning Point in Proteome Multicompartment Electrolyzers with Isoelec 3648, 2000.			
	Hiney, et al., "Gonadotropin-Releasing Horm Region of the Rat Contain Lamprey Gonadot Luteinizing Hormone-Releasing Hormone, or	ropin-Releasing Hormon	e III, Mammalian	
	Jensen, et al., "Identification and Removal of Human Plasma Albumin Preparations", Vox S		Forming Proteins in	
4	Kubo, et al., Capillary Zone Electrophoresis of Linear Polyacrylamide-Coated Capillary: Sep			

Form PTO-1449	U.S. Department of Commerce	Atty. Docket:	In re Application No	
(REV. 8-83)	Patent and Trademark Office	2003309-0061 10030634-2	09/977,368	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		Applicant: Pieper, et al		
		Filing Date: October 16, 2001	Group: 1641	
Individual Components", Electrophoresis, 2		1: 396-402, 2000.		
	Lollo, et al., "Improved Two-Dimensional G Proteins by Using ProtoClear", <i>Electrophore</i>		sentation of Serum	
Mayer, et al., "Semi-Micro Solid-Phase Extraction of Organic Comp Biological Samples", Journal of Chromatography A, 773: 189-197, Morrin, et al., "Inhibition of the Adherence of Pseudomonas Aerugin IgG Subclass Antibodies", J. Med. Microbiol., 39: 459-466, 1993.				
			osa to Epithelial Cells by	
	Pan, et al., "A Low-Temperature Wafer Bond Micromech. Microeng. 12: 611-615, 2002.	ding Technique Using Pa	atternable Materials", J.	
1	Panrucker, et al., "Isolation and Purification of Rat Acute-Phase α ₂ -Macroglobulin", Biochimica et Biophysica Acta, 705: 174-183, 1982.			
	Pingali, et al., "Peptides as Affinity Surfaces for Protein Purification", <i>Journal of Molecular Recognition</i> , 9 : 426-432, 1996.			
	Pitiot, et al., "Protein Adsorption on Histidyl-Aminohexyl-Sepharose 4B, II. Application to Negative One-Step Affinity Purification of Human β2-Microglobulin and Immunoglobulin Journal of Chromatography B, 758: 173-182, 2001.			
	Reh, et al., "Quantitative Determination of Albumin in Urine by On-Line Immunoadsorpti Cleanup and Reversed-Phase Chromatography", Analytical Biochemistry, 196: 104-110, 1			
		etween Plasma Leptin Levels and Measures of Body Fat in Obesity", Ann. Intern. Med. 126: 26-31, 1997.		
	Sand, et al., "Characterization of Human Preg Chemistry, 260 (29): 15723-15735, 1985	an Pregnancy Zone-Protein", The Journal of Biological 35		
	Schneider, et al., "A One-Step Purification of mmunomatrix", <i>The Journal of Biological C</i>			
	Schreiber, et al., "Removal of Viral Contamin Plasma Proteins", Curr. Stud Hematol Blood			
1	Shimazaki, et al., "Removal of Specific Prote Dimensional Electrophoresis Using Protein A Methods, 37: 1-4, 1998.			
	Sorensen, et al., "Identification of a Macromo as Osteopontin", <i>Urol. Research</i> , 23: 327-334		Inhibitor in Human Urin	
	Wheatley, et al., "Multiple Ligand Application Chromatography", Journal of Chromatography		Immunoaffinity	
1 2 1	Chixin, et al., "Purification of Human Serum	• • •	Affinity	

Chromatography", Dyes and Pigments, 22: 27-45, 1993.

Form PTO-1449	- · · · · · · · · · · · · · · · · · · ·		Atty. Docket:	In re Application No.	
(REV. 8-83)	REV. 8-83) Patent and Trademark Office		2003309-0061 10030634-2	09/977,368	
	DISCLOSURE STATEM	Applicant: Pieper, et al			
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